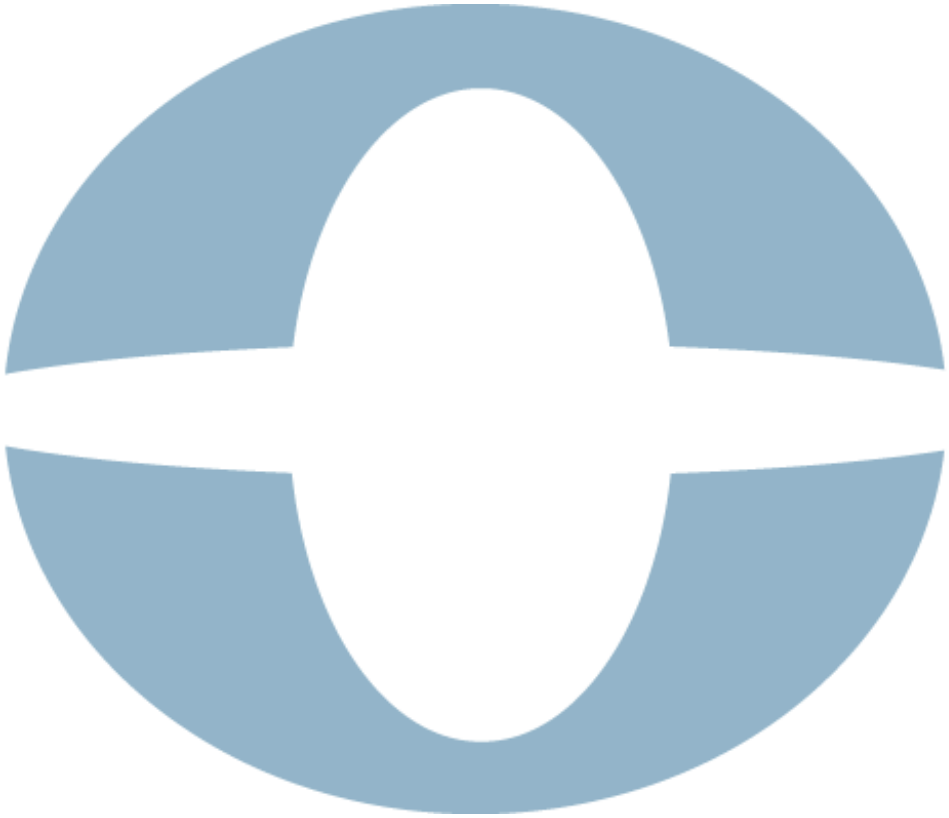
BlackICE Guard

System Certification Report

for Dell PowerEdge 1550



INTERNET SECURITY SYSTEMS™

Version 3.0

BlackICE Guard: System Certification Report

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Conventions Used in this Manual

Bold	The names of screen objects, such as menu choices, field names, and items in lists.
Italics	Italics are used for emphasis or to highlight an important word or concept.
`Monospaced`	Pathnames, filenames, and code are shown in monospaced font.
`Monospaced Bold`	Values you must type in are shown in monospaced, bold font.
`Monospaced Italics`	Variables, such as a server name, are shown in monospaced, italic font. These are usually enclosed in angled brackets <*`servername`*> as well.
[Inside Brackets]	Keyboard keys, such as [ENTER] or [Page Up] are shown inside brackets.
NOTE:	Notes include important information about the operation or use of the product.
WARNING:	Warnings contain critical information that may cause harm to your computer or the proper operation of the product.
TIP:	Helpful information about optimizing or using the software.

Introduction

This report describes how to configure a Dell PowerEdge 1550 for use with BlackICE Guard. You should read these instructions thoroughly. A BlackICE Guard system must use the exact configuration described in this report to function properly.

For information about installing the Guard software, please refer to the *BlackICE Guard User Guide*.

Figure 1 – Dell PowerEdge 1550 (front/back).

System Specification

Your Dell PowerEdge 1550 must meet the following minimum system requirements.

- Dual 866Mhz Pentium III CPU with 256K of Level 2 cache.
- 32KB Level 1 cache (16KB instruction cache and 16KB two-way write-back data cache).
- ServerWorks HE-SL Chipset.
- 512 MB of 133Mhz ECC DIMMs.
- 133 Mhz front side bus.
- Two 64-bit/66Mhz PCI slots.
- Integrated 10/100 NIC.

Other Hardware

You must also have the following hardware.

- Monitoring Interface: Two 3Com 3C905C network interface cards (NICs).
- Reporting Interface: Your system includes an embedded network interface that can be used for ICEcap reporting purposes.
- A riser card must be installed on the vertical bus to install the second 3Com 3C905C card.

Note: The DELL PowerEdge 1550 is a thin box with 2 I/O slots. One slot is horizontal (facing the left edge of the box), the other slot is vertical (facing the top of the box). You must install a riser card before installing the second 3Com card. The riser card turns the vertical slot into a horizontal slot facing the right edge of the box (rear view).

System Setup

This section describes how to setup the Dell PowerEdge 1550 to work with BlackICE Guard.

Step One – Installing the Operating System

If necessary, follow the instructions located at support.dell.com/docs/systems/ssabrepe/en/NT_TS/5D418am0.pdf to install Windows NT 4.0. A printed version of this document is included with the server.

1. Install the Windows NT 4.0 operating system
2. Install Windows NT 4.0 Service Pack 6 or higher.

Step Two – Installing the NICs

Once the operating system is installed, turn the computer off to install the 3Com NICs. For help removing the cover and installing items in the system, refer to: support.dell.com/docs/systems/ssabrepe/en/sm/index.htm on the Dell website.

1. Disconnect the power cord and remove the system case.
2. Install the vertical riser card in the system. This provides the adequate number of PCI slots for the 3Com 3C905C NICs.
3. Install the two 3Com NICs in the system.

NOTE: Do not install the NDIS driver for the 3Com 3C905C NICs when rebooting into Windows NT. BlackICE Guard does not use the NDIS driver for the 3Com 3C905C NICs.

Step Three – Configuring the System

The PowerEdge 1550 has two integrated Intel NICs. For Guard to run properly, one of these NICs must be disabled. The other NIC should remain installed for use as a reporting interface.

1. Turn on the system power. Allow the system to boot into Windows NT and logon with administrative privileges.
2. Right-click on the **Network Neighborhood** icon and select **Properties**. The Network Properties dialog box is displayed.
3. Click the **Adapters** tab. This tab displays two NICs.

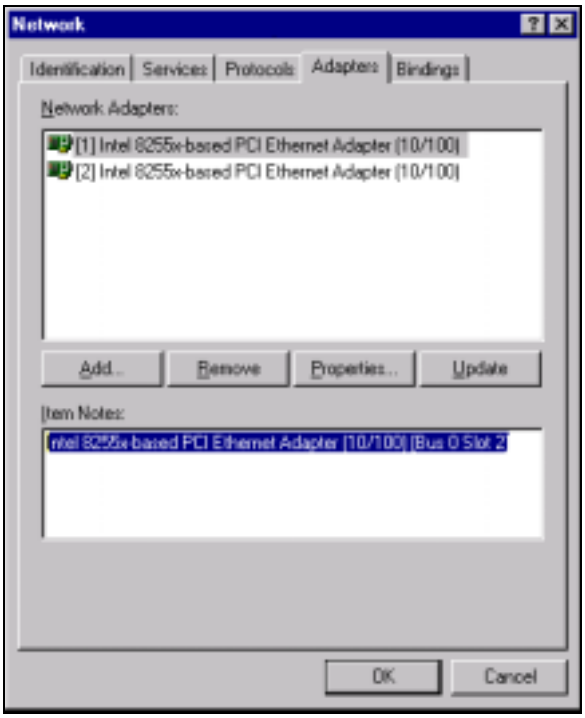

Figure 2 – Network Properties dialog box in Windows NT 4.0.

4. Select each NIC. Determine the NIC that lists: `Intel 8255x-based PCI Ethernet Adapter (10/100) (Bus 0 slot 2)` in the **Item Notes** box.
5. Select this NIC and click **Remove**. This removes the NICs driver and essentially disables it from use.
6. Configure the other NIC to work properly with your network. This NIC is used for reporting events to an ICEcap Manager.
7. When finished, Click **OK** and reboot the system.

Step Four – Installing the BlackICE Software

The system is now prepared for the installation of BlackICE Guard. Refer to the *BlackICE Guard User Guide* for further instructions.